

Appendix G: Hexavalent Chromium Content Contained in Dust Samples Collected from Chromium Plating Shops in San Diego County, 2002

Date Sampled	Location	% of Total that is Hex	Hex Cr	Total Cr
			mg/kg	
8/20/2002	within 2 feet from the side of the chrome plating tank near the emission collection vent ducts	16%	4,990	30,400
8/20/2002	the corners of the back doors (entry and roll up garage doors)	2%	3.6	224
5/23/2002	on top of tank, within 1 foot in front of tank.	37%	33,000	88,300
5/23/2002	near back north east door.	N/A	< 0.8	1,920
5/23/2002	near back north west door.	N/A	< 0.8	4,920
5/23/2002	in adjacent alley north of the facility.	N/A	< 0.8	23
7/25/2002	within 5 feet in front of tank near rectifier. Note: sample taken underneath the wooden operating flooring	31%	30,800	98,800
7/26/2002	on tank, within 3 feet in front of tank.	67%	89,800	135,000
7/26/2002	near roll up garage door in back of facility.	N/A	< 0.8	772
6/28/2002	within 2 feet in front of tank, on top of 5 foot high DI? cylinder.	25%	39,200	156,000

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6/28/2002	within 2 feet behind tank. Note: no "outlet" sample was taken since smoke indicated changing air currents.	34%	23,900	69,900
6/18/2002	on lip of tank, within 1 foot in front of tank, within 2 feet in front of tank (near activator tank).	52%	30,000	58,000
6/18/2002	near back door of facility.	N/A	< 20	6,830
6/25/2002	within 3 feet to the right side of tank P7-4 (on cement floor inside paneling), within 3 feet in front right side of Tank P7-8.	11%	407	3,790
6/25/2002	near (east?) door next to composite mesh pad.	7%	172	2,410
6/25/2002	on surface within 2 feet of tank P7-13. Note: surface is two feet higher tank top of tank P7-13.	0.1%	81	69,800
7/9/2002	within 6 feet in front of tank (near rinse tank), within 2 feet in the side of tank, within 10 feet behind tank. Note: sample taken on lower cement flooring which is lower than the wooden operating flooring.	30%	9,560	31,400

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7/9/2002	near roll up garage door on side of facility.	N/A	< 0.8	195
7/17/2002	within 1 foot to the left of the tank on cement floor of secondary containment. Note: no elevated wooden operating floor at facility.	22%	8,160	37,500
7/10/2002	within 1 foot in front of tank, within 5 feet in front of tank, within 1 foot behind tank.	13%	1,320	10,100
7/10/2002	near front windows of facility, along south east wall of polishing room.	N/A	< 0.8	182
7/16/2002	on tank, within 2 feet in front of tank.	31%	28,700	93,300
7/16/2002	near front door of facility.	N/A	< 0.8	348